

BONE PLATING SYSTEM

660287

ABSTRACT

The present invention relates to a bone plating system and method for fracture
5 fixation of bone. The bone plating system includes a bone plate, at least one locking screw,
and at least one non-locking screw. The bone plate has locking holes with threads and non-
locking holes. The locking screws have a shaft with a thread for engaging bone and a head
with a thread configured and dimensioned to mate with the thread of the locking holes. The
non-locking screws have a thread for engaging bone and a non-threaded head. Both the
10 locking and non-locking screws remain seated in their respective holes for substantially as
long as the bone plate is implanted. The non-locking screws compress the bone plate
against the bone and hold fracture reduction while the locking screws are secured to the
plate at a fixed angular relationship. The mixed fixation achieved by this bone plating
system and method is particularly useful for treatment of per-articular fractures.

15

20

25

30

35

002160-091200